

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003131.D
 Acq On : 07 Jul 2020 17:02
 Operator : SY/MD
 Sample : L3230-02
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Quant Time: Jul 08 04:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

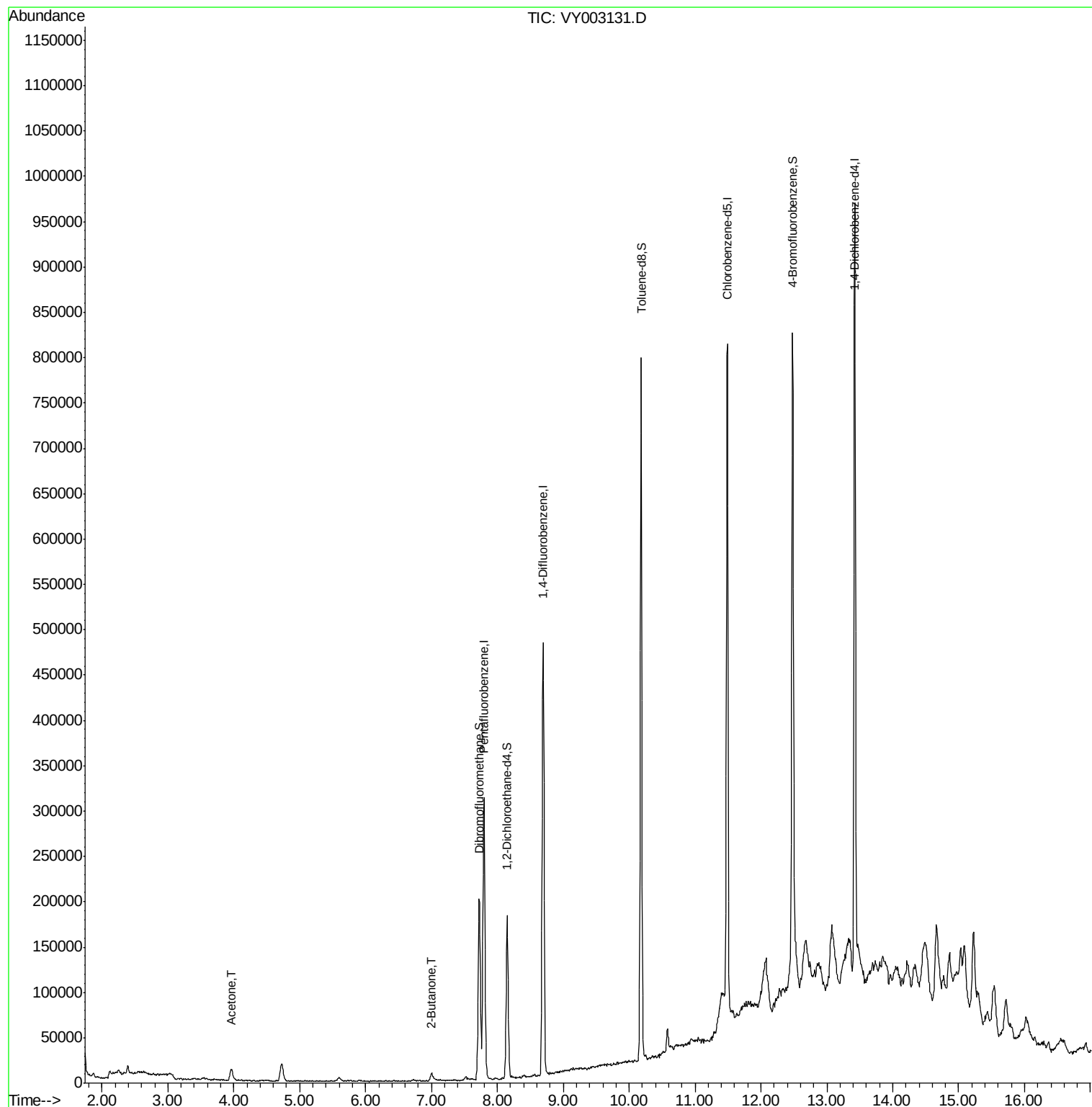
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	411643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138401	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	7.73	113	139818	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.18	98	507546	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.48	95	188698	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
Target Compounds						
16) Acetone	3.96	43	24370	40.990	ug/l	96
25) 2-Butanone	7.00	43	12339	13.065	ug/l	98

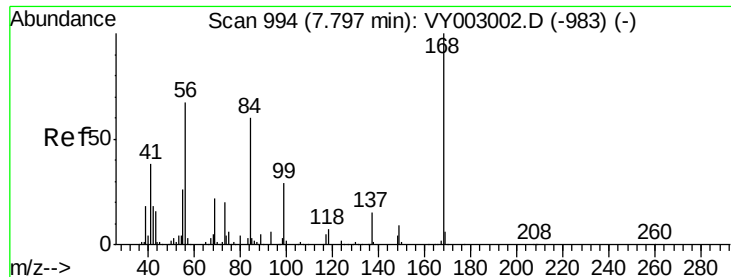
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

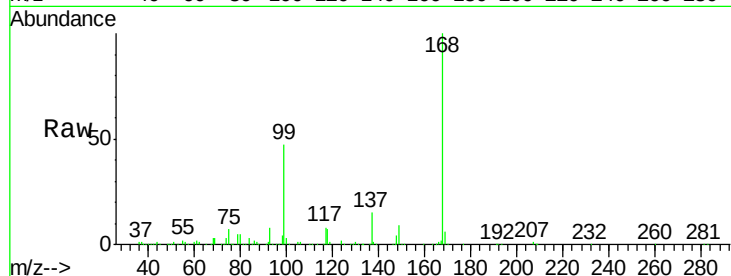
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:168 Resp: 253812

Ion Ratio Lower Upper

168 100

99 47.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003131.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003131.D (-945) (-)

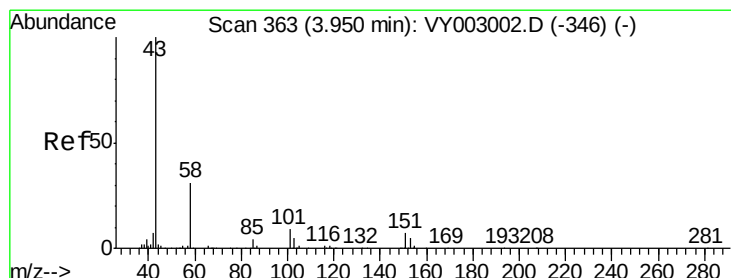
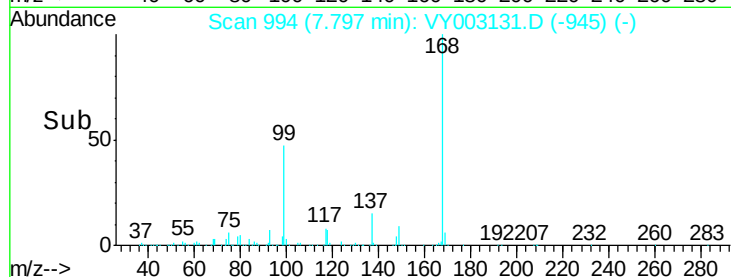
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 40.990 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003131.D

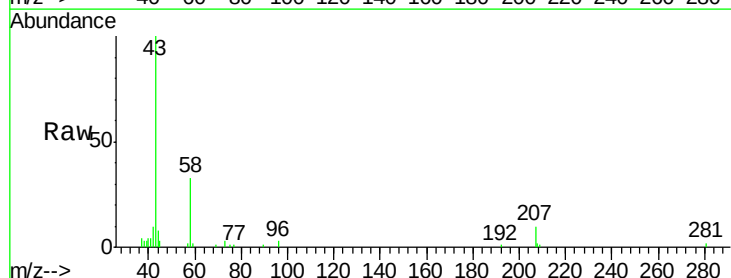
Acq: 07 Jul 2020 17:02

Tgt Ion: 43 Resp: 24370

Ion Ratio Lower Upper

43 100

58 33.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003131.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003131.D (-314) (-)

3.96

8000

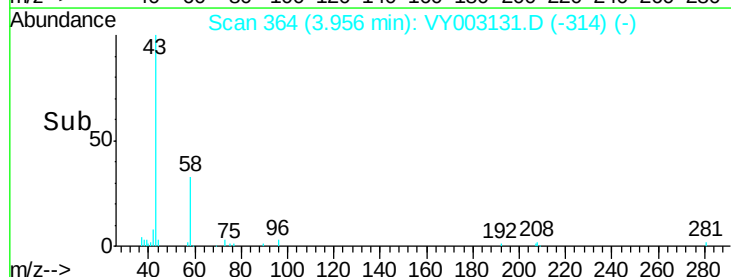
6000

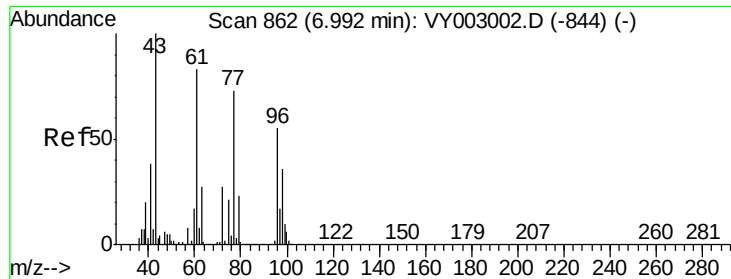
4000

2000

0

Time-->





#25

2-Butanone

Concen: 13.065 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

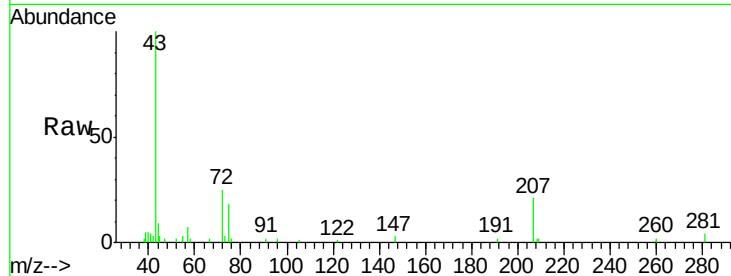
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 43 Resp: 12339

Ion Ratio Lower Upper

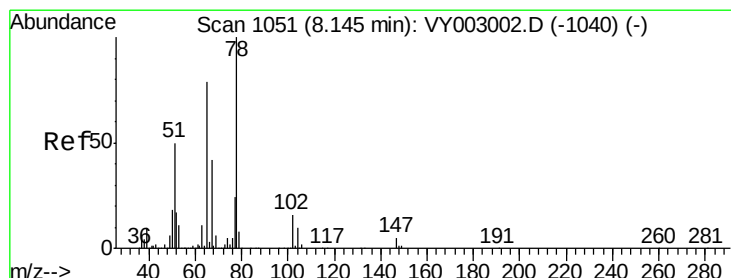
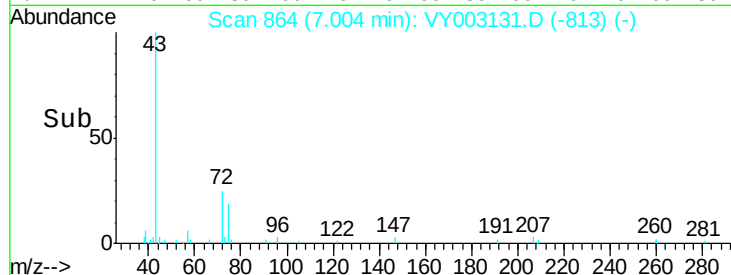
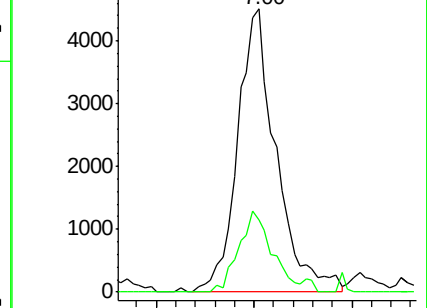
43 100

72 25.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.902 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003131.D

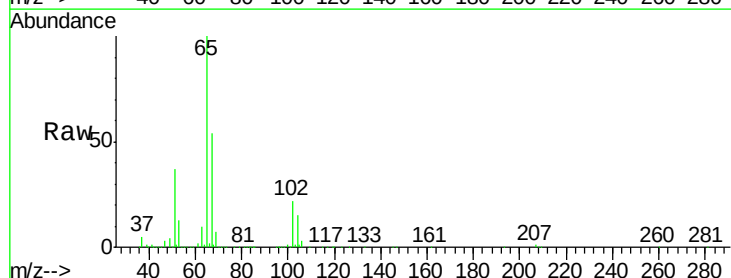
Acq: 07 Jul 2020 17:02

Tgt Ion: 65 Resp: 138401

Ion Ratio Lower Upper

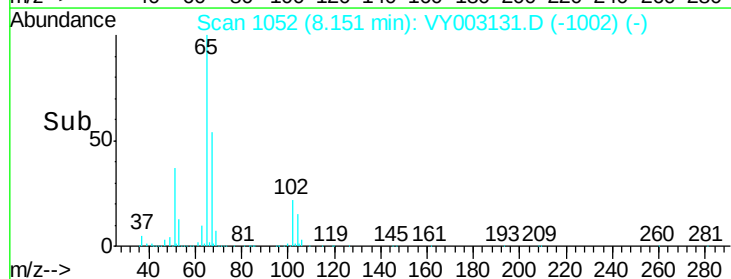
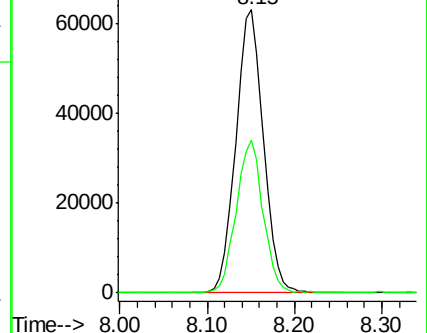
65 100

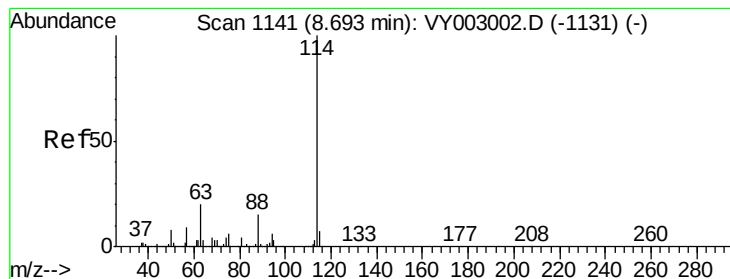
67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

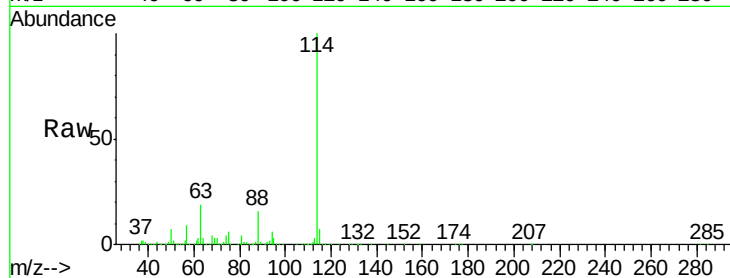
Tot Ion:114 Resp: 411643

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

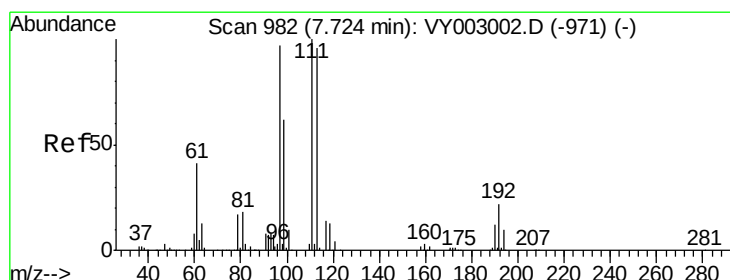
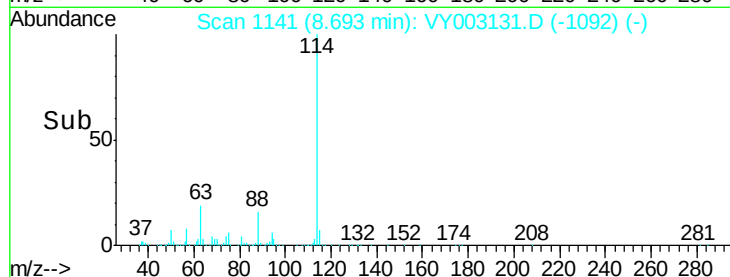
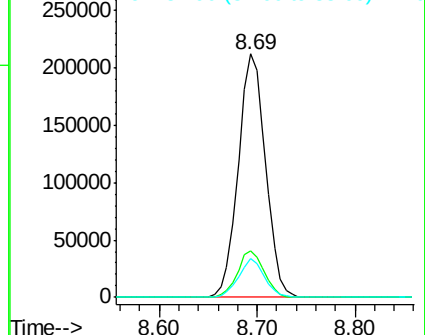
88 15.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 54.448 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

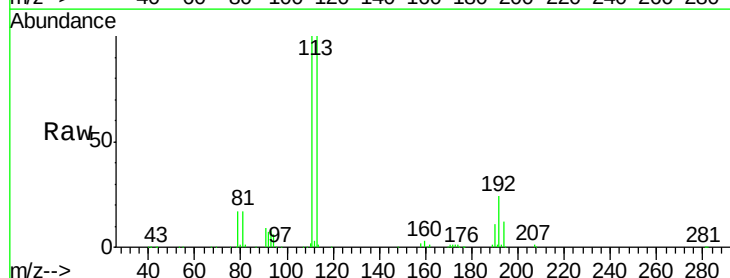
Tgt Ion:113 Resp: 139818

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

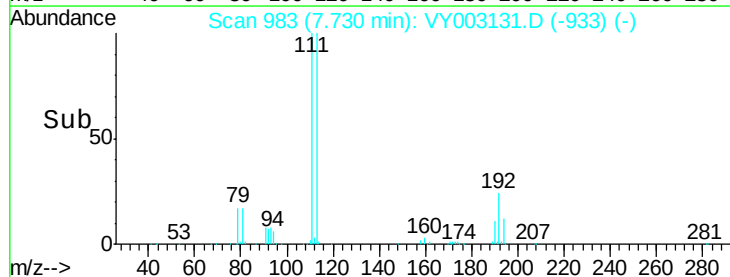
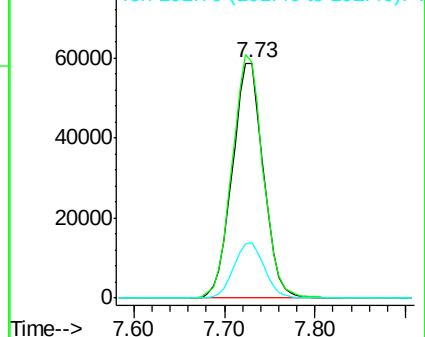
192 23.3 18.1 27.1

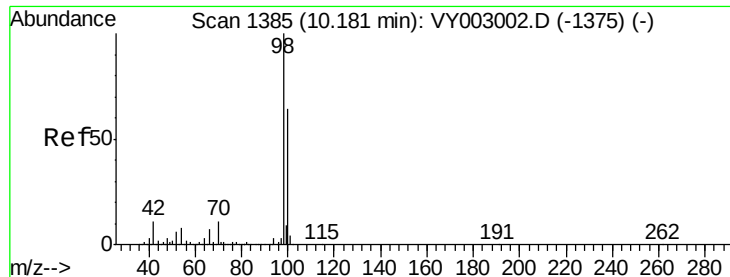


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.054 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

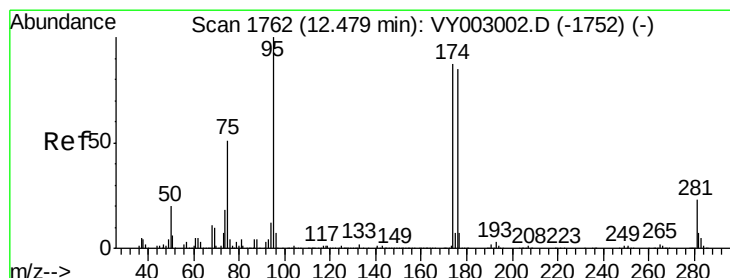
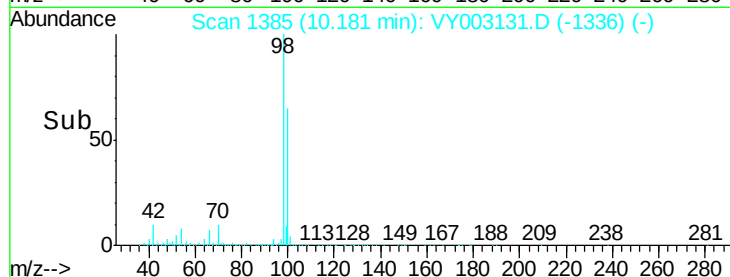
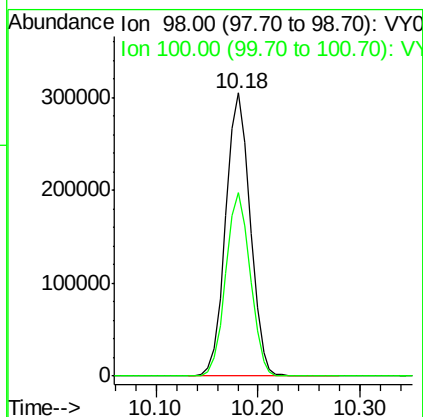
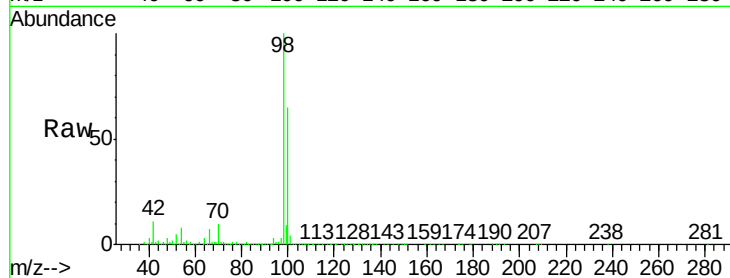
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 98 Resp: 507546

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 56.036 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

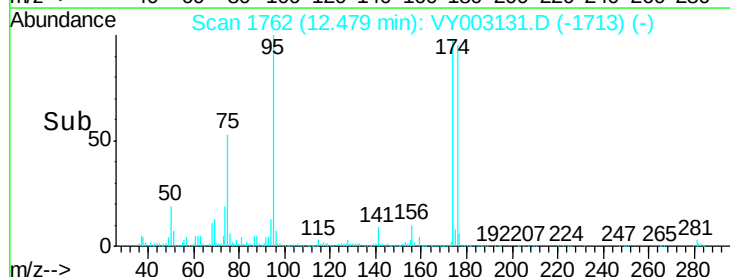
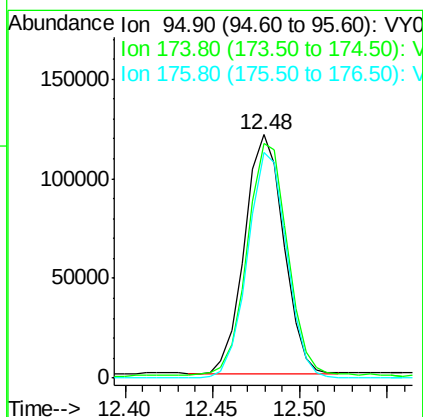
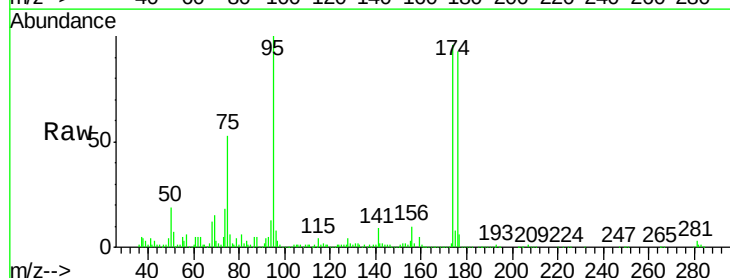
Tgt Ion: 95 Resp: 188698

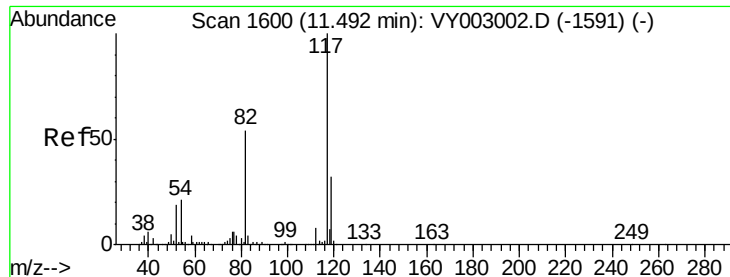
Ion Ratio Lower Upper

95 100

174 104.1 0.0 184.8

176 93.4 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

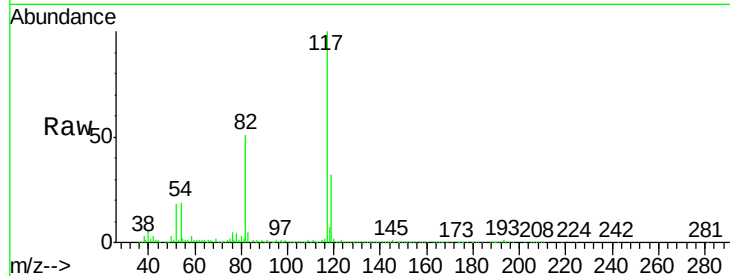
Tot Ion:117 Resp: 416459

Ion Ratio Lower Upper

117 100

82 50.7 43.0 64.6

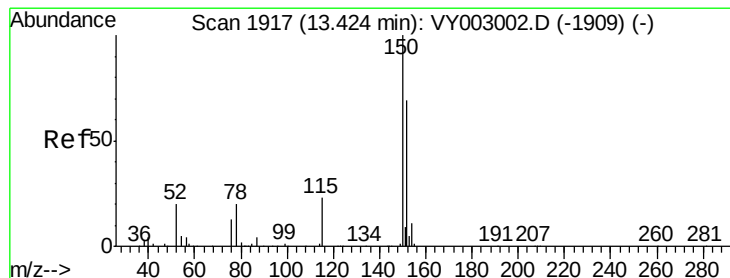
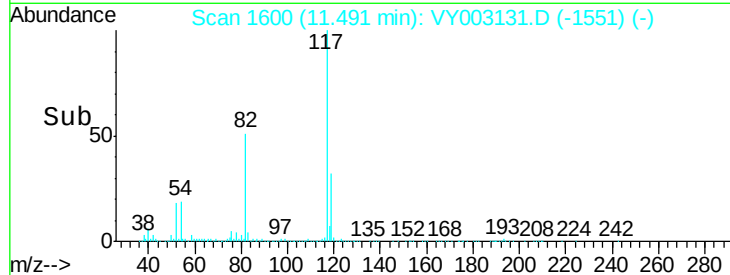
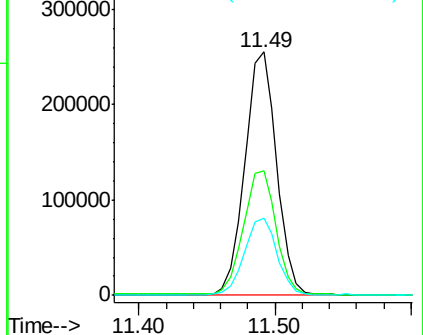
119 31.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003131.D

Acq: 07 Jul 2020 17:02

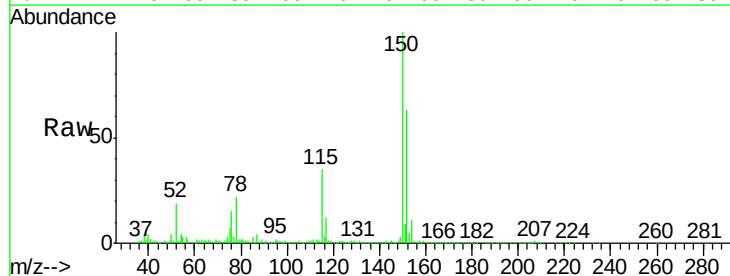
Tgt Ion:152 Resp: 219533

Ion Ratio Lower Upper

152 100

115 54.1 27.3 81.9

150 156.8 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

